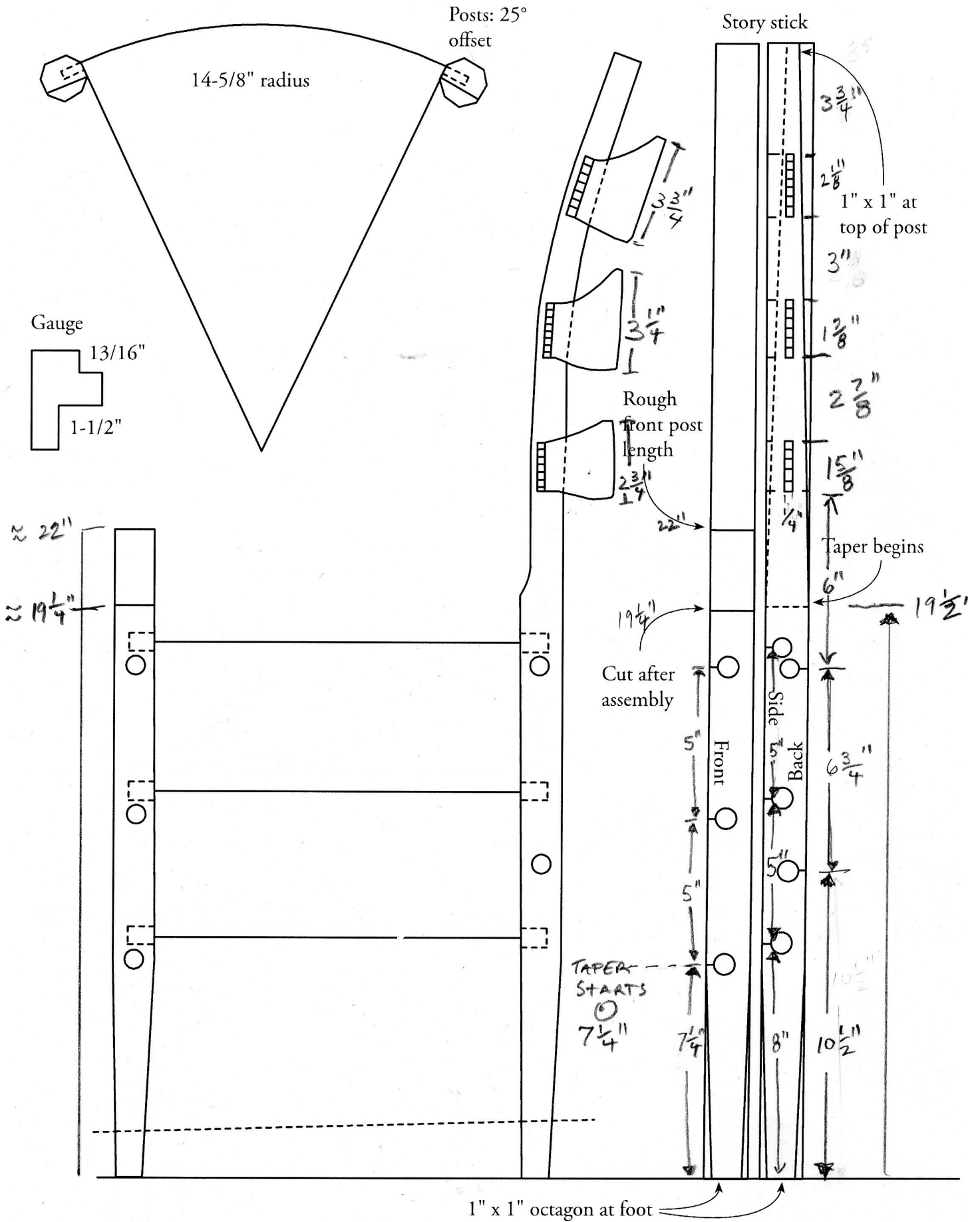


Three-slat Details



Rocker Notes & Details

Notes on the Drawings

- The rocker uses the same slat-bending form as the 3-Slat chair.

- Front post form: I taper the back face of the post, as well as the outside face. After steaming, place the outside face against the form.

- Story stick: The taper on the upper front and back posts is on one face. On the story stick, this is represented by the solid line and the dashed line. On the front posts, the taper is on the outside face. On the back posts, the taper is on the inside (which accentuates the post flare).

- Lofted side: This view shows the drilling locations and layout. It is not a true side view.

- I take 1/2" to 3/4" off the back post before fitting the rocker blades.

- Tops of the posts are 1-1/8" square with the taper off the back and inside faces.

- Rockers: Shown with two possibilities; the full width rocker blade, or the variation with sweeps to lighten the appearance.

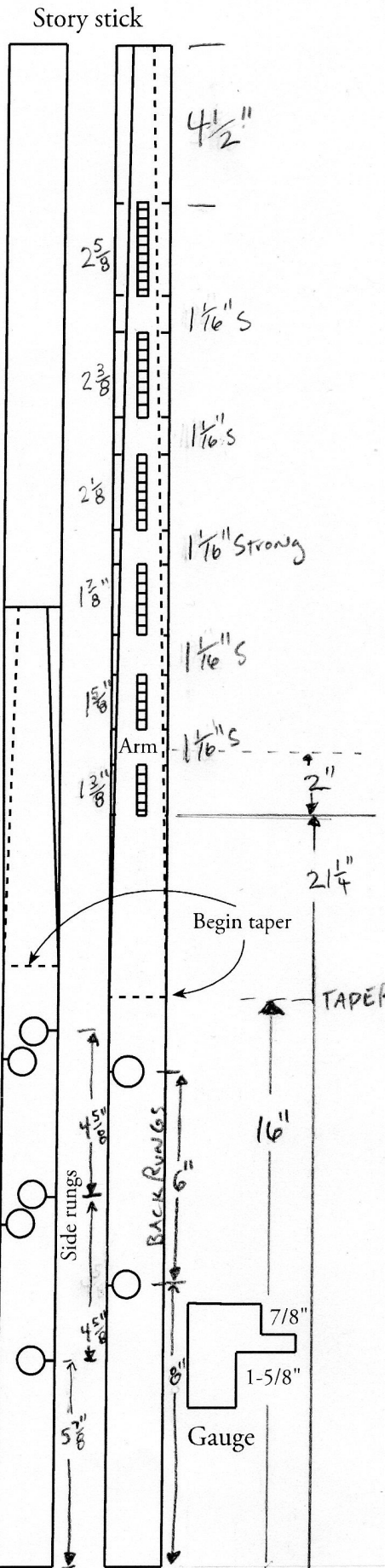
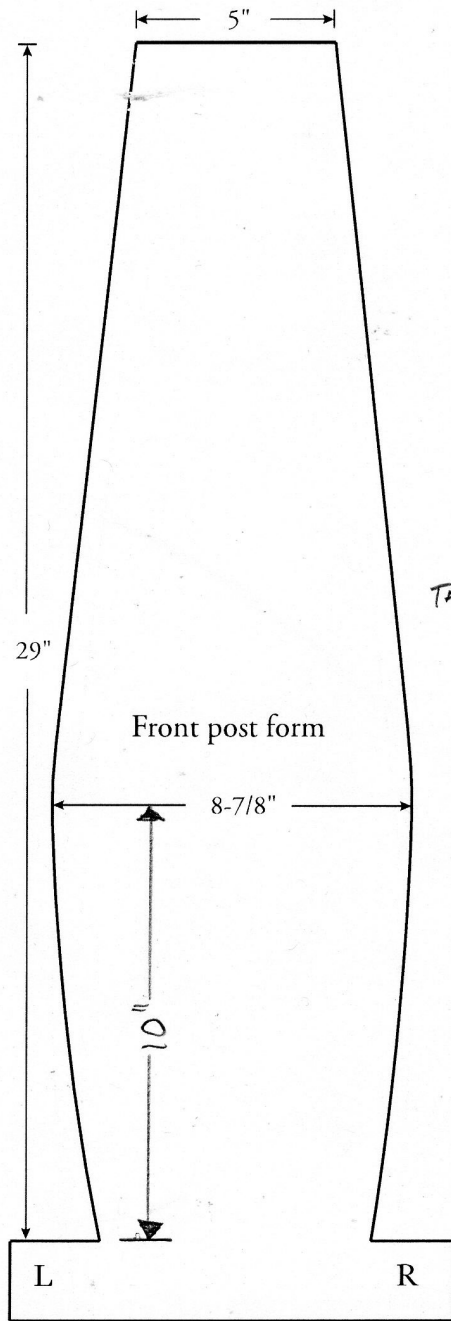
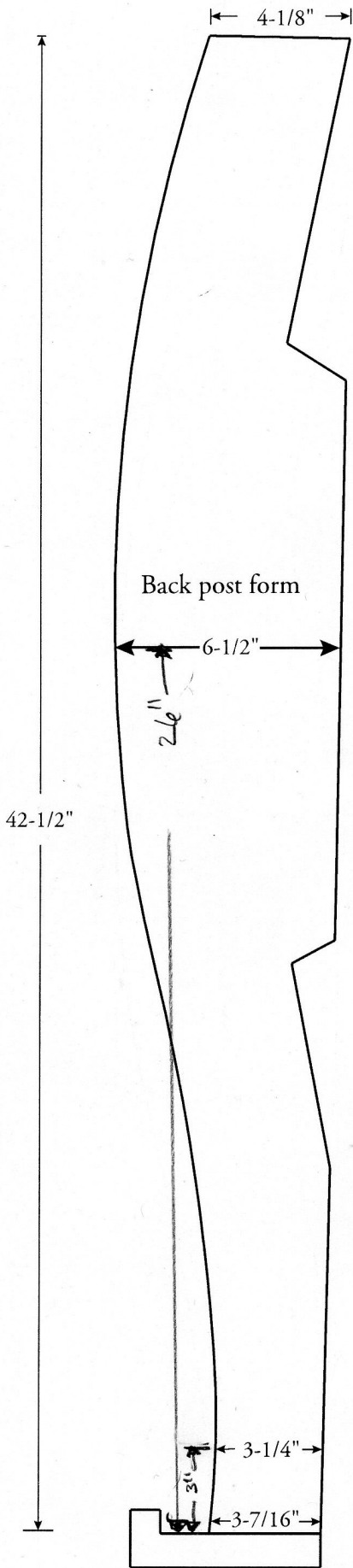
- Slat radius top view: The distance between the two posts is an estimate. It's slightly larger than the distance between the posts at the back seat rung. With the distance determined, the posts are rotated 23°. From there, draw the back posts square and strike a line tangent to the mortise. The intersection of that line is the pivot point creating the slat radius. This radius becomes the target when bending slats. Note: Approximations work well in this exercise. I roughly figure the location of my lowest slat to help create the target radius. And at times my slats don't match it exactly. It all works out in the end, and my results have improved greatly since shooting for this target.

- Slat radius: The offset is 23°. Between 20°-25° is a comfortable range to work within. Use 20° for a flatter back, 25° for deeper. The radius is 19-1/8" from the front face of the mortise.

- Front posts: Taper two faces to 1-5/16" by 1-5/16" at the top of posts.

Rocking Chair

<i>No.</i>	<i>Part</i>	<i>Dimensions</i>	<i>Notes</i>
2	Back posts	1-5/8" x 1-5/8" x 43-1/2"	leave long, trim after bending
2	Front posts	1-5/8" x 1-5/8" x 27"	taper 10" from top, taper cuts from backfacing & outside faces
6	Slats	finished sizes vary from 1-3/8" to 2-5/8"	Bend 23" lengths. Use quartersawn material
2	Arms	1-1/8" x 3" x 18-1/8"	Blanks. Tenon in line with front peg.
Rungs:			
1	Front seat	7/8" x 1-1/4" x 21-1/4"	hickory, oval
1	Front seat lower	7/8" x 7/8" x 21-1/4"	oak, round or octagonal
1	Back seat	7/8" x 1-1/4" x 17-1/4"	hickory, oval. Make 2 dummy rungs with loose tenons
1	Back seat lower	7/8" x 7/8" x 17-1/8"	oak, octagonal
2	Side seat	7/8" x 1-1/4" x 15-7/16"	hickory, oval
2	Side middle	7/8" x 7/8" x 15-7/16"	oak, octagonal (can be made 1/8" shorter to prevent assembly problems)
2	Side bottom	7/8" x 7/8" x 16-1/16"	oak, octagonal
2	Rockers	5/8" x 5-1/2" x 36"	oak, resawn from 8/4 material



Slat radius at lowest slat

TRIM AFTER ASSEMBLY.
- Keep at full length OR
TRIM TO THE DESIRED
Height off of the top SLAT

